

Amendments to the Claims:

Please amend the claims as indicated below. For the convenience of the Examiner, all of the claims are presented below.

Listing of Claims:

1. (Currently amended) A electric fluid servo valve assembly comprising:
a solenoid valve that is connectable to a manifold, the solenoid valve having
(a) a solenoid-valve body having a fluid inlet passage, a fluid outlet passage, and a pressure sensing port communicating with said outlet passage, and
an obturator disposed therein within the valve body and being that is moveable for controlling flow between said inlet passage and outlet passage upon connection of said inlet passage to a source of fluid; and
(b) an electric actuator disposed within the with-said valve body and operable upon electrical energization for affecting movement of said obturator; and
(c) a circuit board with a pressure sensor disposed thereon, said circuit board having a sensing aperture and being disposed directly over said the pressure sensing port in the said valve body of the solenoid valve such that said the sensing aperture in said circuit board is axially aligned with said with the pressure sensing port and the pressure sensor.
2. (Previously presented) The valve assembly defined in claim 1, wherein said valve body has a planar surface with said pressure sensing port located thereon.
3. (Previously presented) The valve assembly defined in claim 1, wherein said pressure sensor is a transducer and said circuit board includes circuitry for processing a signal output of said transducer.

4. (Original) The valve assembly defined in claim 1, wherein said pressure sensor includes a piezoelectric transducer.
5. (Original) The valve assembly defined in claim 1, wherein said electric actuator includes a solenoid.
6. (Previously presented) The valve assembly defined in claim 1, wherein said sensing aperture in said pressure sensor is sealed over said pressure sensing port in said valve body with an annular seal ring.
7. (Previously presented) The valve assembly defined in claim 1, wherein said sensing aperture in said pressure sensor includes an aperture formed through said circuit board.
8. (Original) The valve assembly defined in claim 1, wherein said electric actuator includes a plurality of discrete electrical terminals.
9. (Original) The valve assembly defined in claim 1, further comprising a manifold with a plurality of said valve bodies secured thereon with said inlet and outlet passages of each valve body communicating with corresponding inlet and outlet ports on said manifold.
10. (Currently amended) A method of making a fluid electric servo valve assembly comprising:
 - (a) forming a solenoid valve that is connectable to a manifold, the solenoid valve being formed by
providing a valve body having an inlet and outlet and a pressure sensing port communicating with the outlet;
 - (b) disposing a movable obturator in said valve body between said inlet and outlet for controlling flow therebetween; and
 - (c) disposing an electric actuator on said valve body and effecting movement of the obturator upon energization of the actuator; and
 - (d) disposing a circuit board with a pressure sensor thereon, the circuit board having a pressure sensing aperture that is disposed directly over the pressure sensing port in the valve body of the solenoid valve and is axially

aligned with the pressure sensor and said-the pressure sensing port; and
providing an electrical indication of the sensed pressure at the valve outlet.

11. (Original) The method defined in claim 10, further comprising disposing the valve body on a manifold block and connecting said inlet and outlet passages to corresponding inlet and outlet ports in said manifold.
12. (Previously presented) The method of defined in claim 10, wherein said step of disposing a circuit board includes disposing the circuit board with a pressure sensor.
13. (Previously presented) The method defined in claim 10, wherein said step of disposing an electric actuator includes disposing a solenoid to move obturator magnetically.
14. (Previously presented) The method defined in claim 10, wherein said step of disposing a circuit board over said pressure sensing port in said valve body includes sealing said board over said port with an annular seal.
15. (Currently amended) A electric fluid servo valve assembly comprising:
a solenoid valve that is connectable to a manifold, the solenoid valve
having
(a) — a valve body having a fluid inlet passage, a fluid outlet passage, a pressure sensing port communicating with said outlet passage; and an obturator disposed therein in the valve body and moveable for controlling flow between said inlet passage and outlet passage upon connection of said inlet passage to a source of fluid; and
(b) — an electric actuator disposed with said-the valve body and operable upon electrical energization for affecting-effecting movement of said the obturator; and
(c) — a pressure sensor having an inlet port arranged to that is axially aligned with a sensing aperture on a circuit board, the sensing aperture being disposed directly over and axially aligned with said-the pressure sensing port in said-the valve body of the solenoid valve such that said the sensing

aperture in said-the circuit board communicates with the inlet port through said-the pressure sensing port.

16. (Previously presented) The valve assembly defined in claim 15, wherein said valve body has a planar surface with said pressure sensing port located thereon.
17. (Previously presented) The valve assembly defined in claim 15, wherein said pressure sensor is a transducer.
18. (Previously presented) The valve assembly defined in claim 15, wherein said electric actuator includes a solenoid.
19. (Cancelled)
20. (Previously presented) The valve assembly defined in claim 15, further comprising a manifold with a plurality of said valve bodies secured thereon with said inlet and outlet passages of each valve body communicating with corresponding inlet and outlet ports on said manifold.